

Mumbai University

Question Paper

**[IDOL – REVISED COURSE]
(MAY – 2018)**

PAPER - IV

ELECTIVE

**PROJECT
MANAGEMENT**

Time: 3 Hours**Total Marks:** 100

- N.B.:** (1) Question No. 1 is compulsory.
(2) Attempt any four from Question 2 to 7.
(3) Answer To The Same Question Must Be Written Together.
(4) Number To The Right Indicates Marks.
(5) Draw Neat Labeled Diagrams Wherever Necessary.
(6) Use of Non – Programmable Calculator is allowed.

Q.1 ATTEMPT THE FOLLOWING QUESTIONS: (20 MARKS)

- (A) Describe Software Economics and its generations in detail. (5)
(B) What is Waterfall model? Explain in detail. (5)
(C) What is Reducing Software Product Size? Explain Reuse and Commercial Components. (5)
(D) Describe about Improving Team Effectiveness. (5)

Q.2 ATTEMPT THE FOLLOWING QUESTIONS: (20 MARKS)

- (A) Explain Quality with respect to Improving Software Economics. (6)
(B) What are the principles of Modern Software Management? Explain in detail. (8)
(C) Explain Engineering and Production Stages in detail. (6)

Q.3 ATTEMPT THE FOLLOWING QUESTIONS: (20 MARKS)

- (A) Describe Iteration Workflows in detail. (8)
(B) What is WBS and Evolutionary WBS? Explain in detail. (6)
(C) Describe Major and Minor milestones in detail. (6)

Q.4 ATTEMPT THE FOLLOWING QUESTIONS: (20 MARKS)

- (A) Explain Project Organizations in detail. (8)
(B) Explain any five tools in Automation Building Blocks. (6)
(C) Explain Software Change Order. (6)

Q.5 ATTEMPT THE FOLLOWING QUESTIONS: (20 MARKS)

- (A) Explain Management Indicators in detail. (6)
(B) Explain Metrics Automation in detail. (8)
(C) Explain Scaling in Process Discriminants. (6)

Q.6 ATTEMPT THE FOLLOWING QUESTIONS: (20 MARKS)

- (A) Describe top 10 Software Management Principles. (8)
(B) Describe about Software Management Best Practices. (6)
(C) Please mention about Culture shifts. (6)

Q.7 ATTEMPT THE FOLLOWING QUESTIONS: (20 MARKS)

- (A) Write a note on Modern Software Economics. (8)
(B) Describe some of the performances about Modern Software Management Framework. (6)
(C) Describe about Teamwork among Stakeholders. (6)